


***Garret John***

Team Members: Ryan S.

Team Name: **Attacking Monkeys**

## Schedule / Evolution of Design

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
4/5	4/6 Made Designs	4/7	4/8 Revised Schedule Made	4/9 Look for good materials in garage	4/10	4/11 Found paint roller and attached to base, added skateboard wheels, pulley, string
4/12	4/13 Plan Meeting Times	4/14	4/15 Status Report	4/16 Look over design specification	4/17 Find tools needed to build project	4/18 Start building  Built base and wood launcher piece
4/19	4/20 Plan Meeting Times	4/21	4/22 Status Report	4/23 Bring tools and materials Start Building	4/24 Test and fix problems  Noticed string could not be still attached after launch	4/25 Be Finished with project.  Added Release system, instead of string tied on
4/26	4/27  Added brick To counteract the weight. And a extra piece of wood to help support base	4/28  Inverted slide car to facilitate frictionless ness	4/29  Making minor adjustme nts	4/30  Test Day!!!	5/1  Celebrate Amazing Jump Success  	

## Parts Lists

#	Part	Costs	Quantity
1	Skateboard Wheels	0	2
2	Paint Roller	0	1
3	String	0	1
4	Duck Tape	0	1
5	Pine Wood Blocks	0	3
6	Pulley	0	1
7	Pulley Hanger	0	1
8	Masking Tape	0	1
9	Nail	0	1
10	Screws	0	4
11	Thin Wood Platform	0	1
12	Brick	0	1
13	Bolt	0	1
14	Screw	0	1
15	Support Piece	0	1
16	Jar	0	1
17	Cable Brackets	0	16
18	Drill Bit	0	1
19	Wood Launcher	0	1

O✓

## Brainstorming

- Catapult
- Elevating devices using gravitational energy
- Pry bar design
- Balling throwing device.
- Seesaw elevator.
- Car and a ramp.
- Swinging pendulum.
- Pulley system to raise the weight.

## Comments on Work and Cooperation of Group

- Lots of fun working together.
- Strengthened group by playing basketball one day.
- Hard to coordinate schedules.
- Frustration with design at times.
- Discussed project over lunch.
- Difficulty finding parts and supplies.
- Long testing process. ✓

*nice format*

*Jump Success*

*Design*

# Diagram

